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*for a sustainable future*

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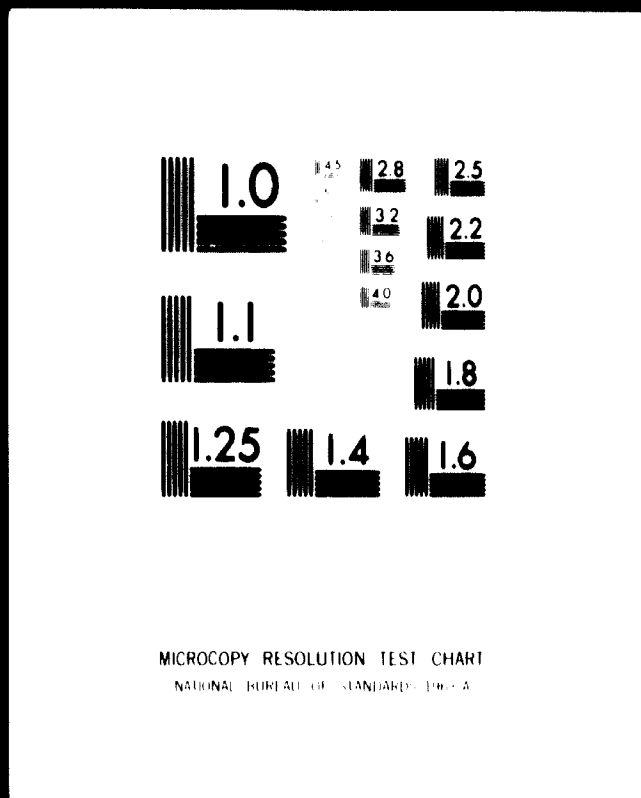
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Third Asian Meeting to Promote  
Industrial Projects

Kuala Lumpur, Malaysia, 14-21 November 1973

Project Information Sheet

EDIBLE YEAST PLANT

**COUNTRY**

Pakistan

**PROJECT**

Production of Fodder Yeast and  
Edible Yeast

Capacity: 6 tons per day

Total Investment: US\$1,620,000

**FOREIGN CONTRIBUTION REQUIRED**

Loan/Supplier's Credit

Know-how

Sponsored by: The Economic Commission for Asia and the Far East (ECAFE) and  
the United Nations Industrial Development Organisation (UNIDO).

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IMPORTANT NOTICE

The basic purpose of this meeting is to provide an Exchange or Market Place for the initiation of contacts on specific industrial projects between their proponents from the Asian countries and potential suppliers of capital, finance, equipment or know-how, as the case may be, from the industrialized countries.

This Project Information Sheet has been prepared as a basis for such contacts. Its purpose is not to present detailed information about the project but to provide the recipient with an outline sufficient to determine tentative interest in principle. Any further available information on the project will be furnished on request to interested parties at the Meeting.

Experience has shown that industrialists frequently prefer to carry out their own further investigations in detail into projects in which they are interested, but assistance from UNIDO in these matters can be rendered to the Asian country concerned on request.

This Information Sheet contains only the information supplied to UNIDO by the proponent of the Project. UNIDO can therefore take no responsibility for its accuracy.

EDIBLE YEAST PLANT

**I. THE PROJECT**

This project proposes to establish a plant at an estimated total investment of US\$1,620,000 for the production of 4.5 tons of fodder yeast and 1.5 tons of edible yeast per day, for domestic consumption. The main raw material would be molasses, which is abundantly available as a by-product of sugar production. Slops are available from the distillery adjacent to the proposed plant.

**II. COMMERCIAL ASPECTS**

There is no existing plant producing yeast locally on an industrial scale and there is no significant import. This implies that yeast is not very popular in Pakistan and marketing is still a matter of uncertainty.

The proponent, however, is optimistic that the product will find a potential market both for human and livestock consumption.

**III. PHYSICAL ASPECTS**

Site

The plant will be located on the premises of the already existing distilleries run by the proponent and the necessary facilities, such as utilities, water and communications, already exist.

Production Capacity

This is phased to begin with a daily capacity of 1.5 tons of fodder yeast and 1.5 tons of edible yeast. The former will be increased to 4.5 tons in the second phase, commencing within 12 - 16 months after the initial operation.

**IV. FINANCIAL ASPECTS (Up to the 2nd Phase)**

(a) Estimated Investment (US\$)

	<u>Local Currency</u>	<u>Foreign Exchange</u>	<u>Total</u>
<b>Fixed Assets:</b>			
Building + Ancillaries	225,452	-	225,452
Machinery + Equipment including delivery and installation	185,478	772,915	958,393
<b>Other Investments:</b>			
Pre-investment costs	79,300	-	79,300
Start-up expenses	67,210	33,605	100,815
Contingencies	77,285	-	77,285
Working Capital	<u>176,020</u>	<u>-</u>	<u>176,020</u>
<b>Total</b>	<u>810,745</u>	<u>806,520</u>	<u>1,617,265</u>

(b) Proposed Financing Plan (US\$)

	<u>Local Currency</u>	<u>Foreign Exchange</u>	<u>Total</u>
Equity	500,000	-	500,000
Long-term Loan/Supplier's Credit	134,720	806,520	941,240
Other Credits	<u>176,025</u>	-	<u>176,025</u>
Total	<u>810,745</u>	<u>806,520</u>	<u>1,617,265</u>

V. OTHER RELEVANT INFORMATION

Proponent

The project has been submitted by:

Mr. Mahmood Ahmad

Member-Chemicals

Board of Industrial Management (BIM)

P.O. Box 5570, Karachi, Pakistan

Telephones: 227024/28

Cable: BASICIND

on behalf of Synthetic Chemical Co. Ltd., Karachi. In line with the current Government policy, BIM is taking over the management without equity interest of Synthetic Chemical. Therefore, contacts relating to the project should be made with BIM.

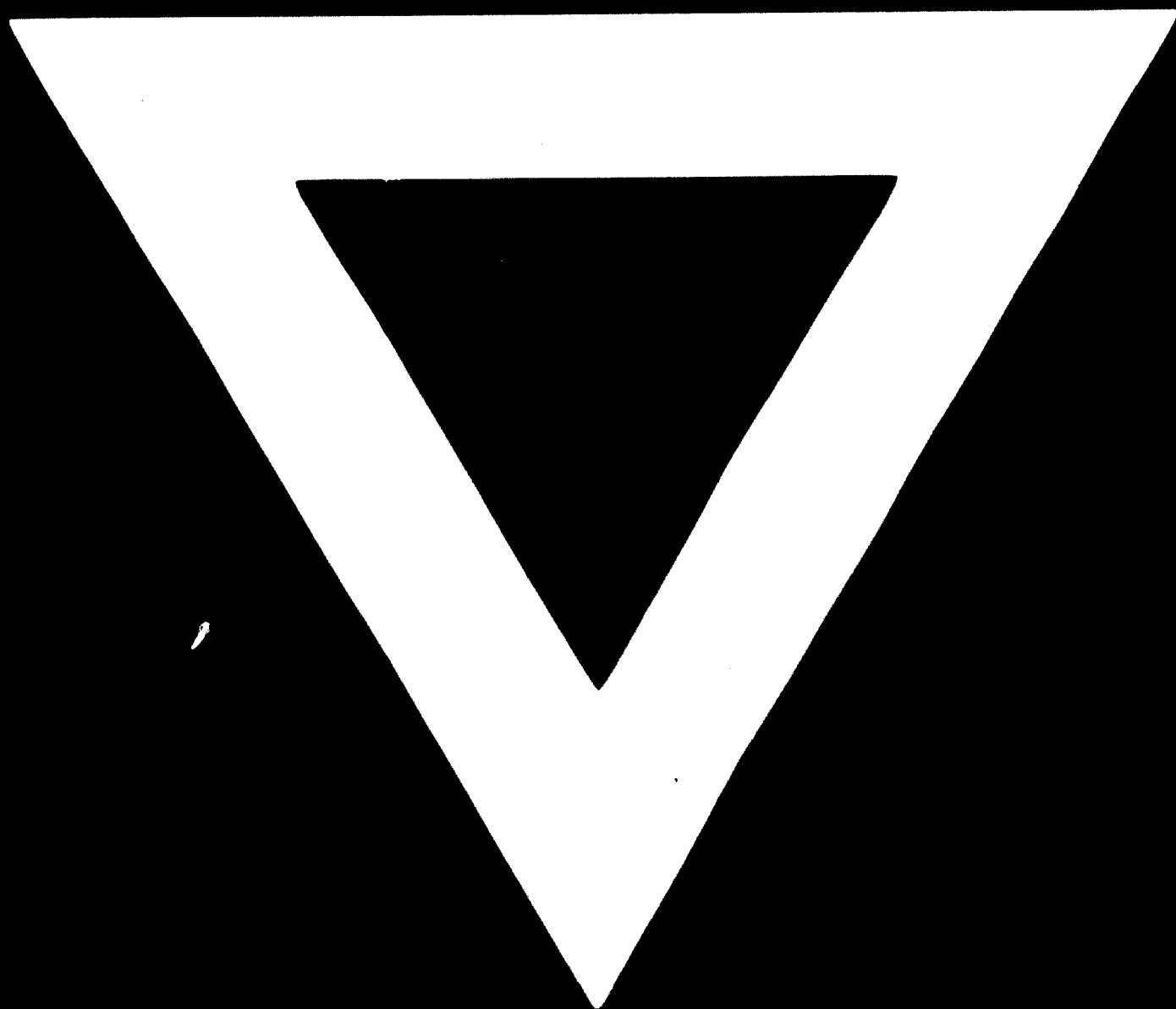
Synthetic Chemical, a public limited company, is currently engaged in the production of polyethylene granules, plastic moulded products, methanol, formaldehyde, etc.

Proposed Legal Structure

A new, probably public limited company will be incorporated to implement the project.



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